Mountain Weather Forecast

Yorkshire Dales National Park

Forecast valid from 00:00 on Sunday 07 May 2023 until 23:59 on Monday 08 May 2023

Forecast Issued on Saturday 06 May 2023 at 17:36

Confidence: High for largely changeable conditions. Lower confidence for the timing and extent of rain on Monday.

Headline for Sunday 07 May 2023: Low cloud, rain and drizzle clearing, Sunny intervals and scattered showers developing, easing late on.

Mountain weather hazards on Sunday 07 May 2023

Blizzards
No Likelihood

Gales
No Likelihood

Thunderstorms
Low Likelihood

Heavy persistent snow
No Likelihood

Severe chill effect
No Likelihood

Heavy persistent rain
No Likelihood

Storm force winds
No Likelihood

Poor visibility
Medium Likelihood

Strong sunlight
Medium Likelihood

Weather and chance of precipitation at 600m							
Time							
00:00	03:00	06:00	09:00	12:00	15:00	18:00	21:00
Drizzle	Fog	Fog	Sunny intervals	Light rain showers	Sunny intervals	Sunny intervals	Partly cloudy (night)
Precipitation probability							
40%	20%	20%	10%	30%	20%	10%	<05%

Forecast for Sunday 07 May 2023

Weather: Cloudy start to Sunday as residual low cloud, rain and drizzle continue to clear to the northeast. Cloud tending to lift and break by mid-morning with sunny spells developing. Slow-moving showers developing in response to daytime heating, perhaps some isolated heavy or thundery downpours forming in the east of the Park. Showers dying out during the evening. Cloud will thicken from the west later with rain arriving overnight.

Chance of cloud-free hill tops above 600m: 20% initially, improving to above 90% through the morning.

Low Cloud and visibility: Widespread low cloud, with bases 200-400m initially. Cloud will slowly clear to the east, with valley fog lifting and breaking above summits by late-morning. Cloud may lower to shroud the highest summits in and around any heavy downpours across the eastern Dales. Generally poor or very poor visibility will become good, but temporarily poor in any afternoon showers.

Check our weather forecast every day to get the most accurate and up to date information
https://www.metoffice.gov.uk/weather/specialist-forecasts/mountain
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Mountain Weather Forecast

Forecast for Sunday 07 May 2023

Height (m)	Wind Speed mean/gusts (mph)					Wind Direction (blowing from)			
	00:00	03:00	06:00	09:00	12:00	15:00	18:00	21:00	00:00
600	4/7 SE	2/4 E	5/8 W	7/10 W	9/12 W	10/15 W	9/12 SW	7/11 SW	9/13 S
300	2/4 E	1/4 W	3/7 W	6/9 W	8/12 W	8/13 W	6/10 SW	2/8 SW	2/8 S
Valley	3/6 E	1/3 SE	1/3 SW	5/8 SW	8/12 SW	8/12 SW	5/8 SW	1/6 SE	2/6 E

Height (m)	Temperature / Feels Like (°C)								
	00:00	03:00	06:00	09:00	12:00	15:00	18:00	21:00	00:00
600	9/8	8/8	9/7	10/8	12/10	12/10	11/10	9/7	9/7
300	10/10	10/10	11/10	13/12	15/13	15/14	13/12	9/8	8/7
Valley	12/11	11/11	11/11	14/13	15/14	16/15	14/14	9/9	9/9
Freezing Level*	2100m	2100m	2000m	2000m	2000m	2000m	1900m	1900m	2000m

**Level above which ground is expected to be frozen/snow is expected to settle.*

Meteorologist's View

Low cloud may make for challenging navigation in the morning. Moderate UV levels expected in afternoon sunny spells.

Recent rainfall: measured at Malham: altitude 375m

Recorded at	Last 24 hours:	Last 48 hours:	Last 72 hours:
14:00 on Sat 06 May 2023	0.2mm	3.8mm	3.8mm

Forecast for Monday 08 May 2023

Weather: Overcast morning with outbreaks of rain soon arriving from the west. Rain likely turning heavy at times, particularly across western slope, before becoming increasingly showery in the afternoon. Rain will gradually move away to the east and ease towards midnight. Blustery winds developing.

Maximum wind: South or southwesterly 20-25 mph, turning westerly later.

Chance of cloud-free hill tops above 600m: 20%, but 40% in the east initially. Rising from the west to 40%.

Low Cloud and visibility: Extensive low cloud and rain spreading eastward in the morning. Cloud bases around 300-500m, steadily lifting clear of summits as rain clears. Bases may lower to shroud hills in showery rain later. Visibility poor or very poor in drizzle and in heavier pulses of rain. Visibility improving late on to good.

Temperature: **Valleys:** Plus 10 Celsius rising to Plus 15 Celsius.
At 600m: Plus 7 Celsius rising to Plus 10 Celsius.
Freezing level: Above the summits.

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